AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Currently Amended) A system for controlling processes associated with streams of application data for a communication network including a plurality of communication stations configured to exchange data streams and connected to a plurality of communication terminals provided with at least one application and one core containing information representative of said application, the system for controlling processes comprising:

a terminal of said plurality of communication terminals including,

a core associated with an operating system of said terminal and configured to store information associated with said streams of application data;

a first ~~processor~~ module associated with said terminal and configured to,

receive a message designating an application, and

deliver service data representative of at least one process associated with said designated application;

a second ~~processor~~ module associated with said terminal and configured to,

receive a stream of data sent by ~~a communication~~ said terminal,

access the core ~~of said terminal~~ to determine the application associated with said received stream, and

deliver <u>said message</u> to said first <u>module based on</u> ~~processor a~~

~~message designating~~ said determined application; and

a controller <u>associated with said terminal and</u> configured to,

receive service data delivered by said <u>first module</u> ~~processor~~, and

deliver configuration data to enable at least one process suited to the

requirements of the application associated with the received stream by the

communication station to which the terminal from which said stream ~~come~~

<u>came</u> is connected.

2. (Currently Amended) The system claimed in claim 1, wherein

said ~~communication terminal~~ core includes an interface for real time control of the

data streams associated with said application, and

said ~~extraction means are~~ <u>second module is</u> configured to access said control

interface to determine the application associated with said received stream, upon

receiving a data stream.

3. (Currently Amended) The system claimed in claim 1, further comprising:

memory configured to store a table of correspondences between said application

and said service data, wherein said first ~~processor~~ <u>module</u> is configured to access said

memory to determine service data stored in correspondence with said designated

application, upon receiving a message designating an application.

4. (Currently Amended) The system claimed in claim 3, wherein

said first ~~processor~~ <u>module</u> is configured to send a user via a graphical interface of

the communication terminal a message requesting said service data associated with the

designated application, if service data corresponding to the designated application is not

stored in said memory.

5. (Currently Amended) The system claimed in claim 3, wherein said second ~~processor~~ module is configured to update said correspondence table based on information received from the ~~communication~~ terminal.

6. (Currently Amended) The system claimed in claim 5, wherein said information received is contained in a configuration file received by the ~~communication~~ terminal.

7. (Currently Amended) The system claimed in claim 5, wherein said information received is delivered by a graphical interface of the ~~communication~~ terminal ~~in~~.

8. (Currently Amended) The system claimed in claim 1, wherein said second ~~processor~~ module is installed in a protocol stack of said ~~a communication terminal~~ core.

9. (Currently Amended) The system claimed in claim 1, wherein at least one of said communication station<u>s</u> ~~has~~ <u>includes</u> at least one protocol stack arranged in layers, including a MAC layer, and said controller is configured to deliver configuration data for configuring said MAC layer as a function of the requirements associated with a stream to be transmitted or received, upon receiving service data.

10. (Currently Amended) The system claimed in claim 1, wherein said first ~~processor~~ module is configured to deliver to said controller service data representative of at least one process associated with streams to be received from an application installed in a remote communication terminal.

11. (Previously Presented) The system claimed in claim 1, wherein said controller is configured to deliver said configuration data on receiving an authorization delivered by a central server of said network.

12. (Currently Amended) The system claimed in claim 1, wherein said first ~~processor~~ module and said controller are configured to exchange service messages containing said service data in accordance with an exchange protocol chosen from at least one of a proprietary protocol, the SNMP, the XML protocol, and the RSVP.

13. (Previously Presented) The system claimed in claim 1, wherein said process is chosen from a group including at least one of quality of service, encryption, authentication, session set-up, stream prioritization, and stream elimination.

14-15. (Cancelled).

16. (Previously Presented) A communication station including said controller of a control system as claimed in claim 1.

17. (Original) The communication station claimed in claim 16, taking the form of a satellite terminal.

18. (Currently Amended) A communication network including ~~a~~ said plurality of communication stations ~~including said controller of a control system~~ and said plurality of communication terminals as claimed in claim 1 ~~and communication terminals including said first processor and said second processor of said control system~~.

19. (Original)   The communication network claimed in claim 18, chosen in a group

including at least satellite networks and wireless networks.

20. (New)   The system claimed in claim 1, wherein

the terminal includes a processor,

the first module includes code segments configured to perform the functions of

the first module when executed by the processor, and

the second module includes code segments configured to perform the functions of

the second module when executed by the processor.

*** END CLAIM LISTING ***